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Attorney Docket No.: 24862-503  
(Former Docket No.: Duke 1931)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANT :** Jonathan S. Stamler  
**SERIAL NUMBER. :** 09/977,693      **EXAMINER :** Walter Schlapkohl  
**FILING DATE :** October 16, 2001      **ART UNIT :** 1636  
**FOR :** PROTEOMIC INTERACTION AND GENOMIC ACTION DETERMINATIONS  
IN THE PRESENCE OF ASSOCIATED REDOX STATE CONDITIONS

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO THE NON-FINAL OFFICE ACTION DATED**  
**APRIL 18, 2006**

In response to the Non-Final Office Action mailed April 18, 2006, Applicant submits this Amendment and Response. Also submitted herewith is a Petition for a Two Month Extension of Time and the appropriate fee. This response should be timely if filed by September 18, 2006. Entry and consideration of this Amendment is respectfully requested. Applicant believes no further fee is due at this time; however, the Commissioner is authorized to charge any additional fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311, Reference No. 24862-503, Customer No. 30623.

**Amendments to the claims** are shown in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.